

1 4. (Unchanged) The method of claim 3, wherein:

2 the target output format is HTML (HyperText Markup
3 Language).

1 5. (Unchanged) A computer program, tangibly stored on a
2 computer-readable medium, comprising instructions for causing
3 a computer to:

4 identify a non-transparent region of a layer of an
5 electronic artwork; and

6 assign an action to an area corresponding to the
7 non-transparent region, the action defining a function that
8 will be activated when the area is selected.

1 6. (Unchanged) The computer program of claim 5, further
2 comprising instructions to:

3 calculate a boundary of the non-transparent region; and
4 calculate a definition of the area from the boundary.

1 7. (Unchanged) The computer program of claim 5, further
2 comprising instructions to:

3 composite the layers of the artwork; and

4 convert the area and the action to a target output
5 format.

1 8. (Unchanged) The computer program of claim 7, wherein the
2 target output format for the area and the action is HTML.

1 9. (Unchanged) The computer program of claim 8, further
2 comprising instructions to:

3 write out the composited artwork as an image file and
4 write out an HTML file containing an image map for the area
5 and a URL for the action, the HTML file referring to the image
6 file.

1 10. (New) The method of claim 1, further comprising:
2 receiving from a user of a graphics application operating
3 on the electronic artwork an input that selects the layer.

1 11. (New) The method of claim 1, further comprising:
2 associating the area and the action with the selected
3 layer as a property of the selected layer.

1 12. (New) The method of claim 11, further comprising:
2 conforming the area automatically to content of the
3 selected layer when the electronic artwork is edited.

1 13. (New) In a graphics application that supports dynamic
2 content in layers, the method of claim 1, further comprising:
3 calculating any dynamic content for the selected layer
4 before the area is calculated.

1 14. (New) The method of claim 1, wherein:
2 the selected layer has one or more non-transparent
3 regions in a transparent frame; and
4 the non-transparent region or regions in combination
5 define the area.

1 15. (New) The method of claim 14, wherein:
2 the selected layer has two or more non-contiguous
3 non-transparent regions in a transparent frame; and
4 the non-transparent regions in combination define the
5 area.

1 16. (New) The method of claim 15, further comprising:
2 generating multiple image maps from the non-transparent
3 regions.

1 17. (New) The method of claim 1, wherein:
2 any holes within the region are ignored.

1 18. (New) The method of claim 1, wherein:
2 separate regions having no holes are created if the
3 region has holes; and
4 the separate regions in combination contribute to the
5 definition of the area.

1 19. (New) The computer program of claim 5, further
2 comprising instructions for causing a computer to:
3 receive from a user an input that selects the layer of
4 the electronic artwork.

1 20. (New) The computer program of claim 5, further
2 comprising instructions for causing a computer to:
3 associate the area and the action with the selected layer
4 as a property of the selected layer.

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1 21. (New) The computer program of claim 20, further
2 comprising instructions for causing a computer to:
3 conform the area automatically to the content of the
4 selected layer when the electronic artwork is edited.

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1 22. (New) The computer program of claim 5, further
2 comprising instructions for causing a computer to:
3 calculate any dynamic content for the selected layer
4 before the area is calculated.

1 23. (New) The computer program of claim 5, wherein:
2 the layer has one or more non-transparent regions in a
3 transparent frame; and
4 the non-transparent region or regions in combination
5 define the area.